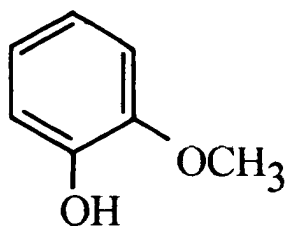


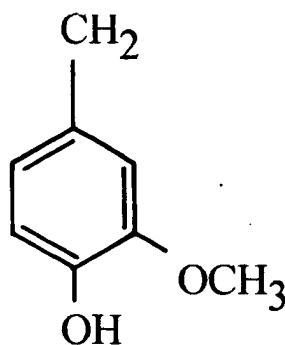
PHENOL  $C_6H_5OH$

**FIGURE 1**



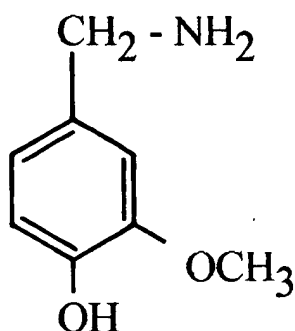
ORTHO - METHOXYPHENOL  $CH_3OC_6H_4OH$

**FIGURE 2**



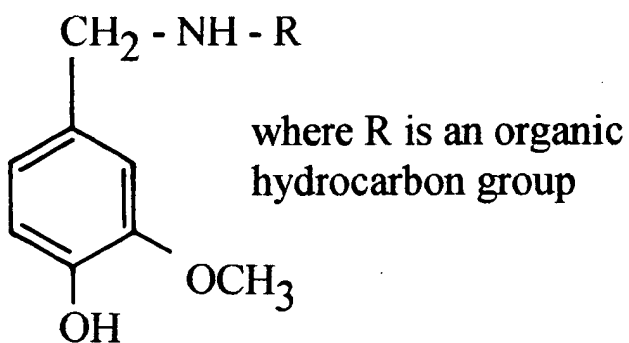
VANILLYL  $(CH_3O)(OH)C_6H_3-CH_2$

**FIGURE 3**



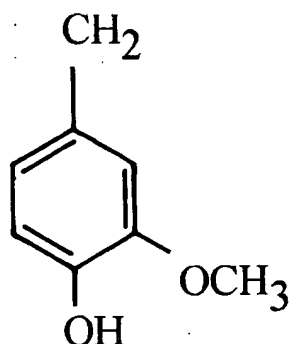
3-METHOXY-4-HYDROXYBENZYLAMINE  
 $(\text{CH}_3\text{O})(\text{OH})\text{C}_6\text{H}_3\text{-CH}_2\text{-NH}_2$

**FIGURE 4**



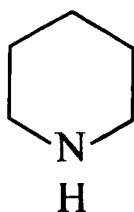
VANILLYLAMIDE  $(\text{CH}_3\text{O})(\text{OH})\text{C}_6\text{H}_3\text{-NH-R}$

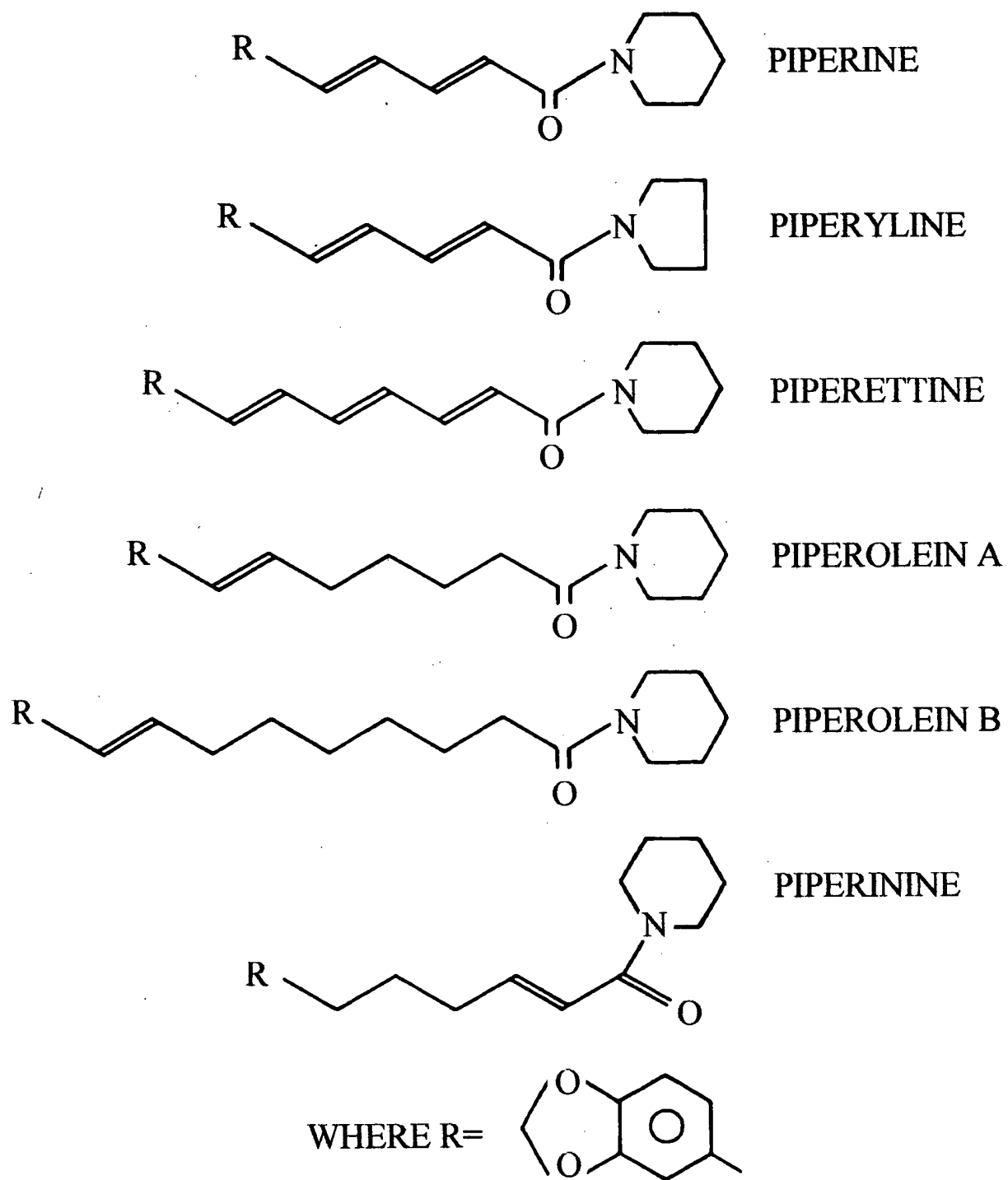
**FIGURE 5**



$R - CO - (CH_2)_4 - CH = CH - CH - (CH_3)_2$	CAPSAICIN
$R - CO - (CH_2)_6 - CH - (CH_3)_2$	DIHYDRO "
$R - CO - (CH_2)_5 - CH - (CH_3)$	NORDIHYDRO "
$R - CO - (CH_2)_9 - CH - (CH_3)_2$	HOMODIHYDRO "
$R - CO - (CH_2)_5 - CH = CH - CH (CH_3)_2$	HOMO "
$R - CO - (CH_2)_7 - CH_3$	NONANOIC ACID VANILLYLAMIDE
$R - CO - (CH_2)_8 - CH_3$	DECANOIC ACID VANILLYLAMIDE

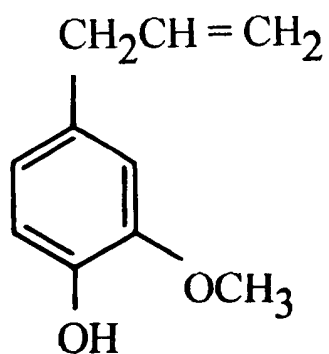
## CAPSAICINOIDS

**FIGURE 6**PIPERIDINE  $(CH_2)_5NH$ **FIGURE 7**



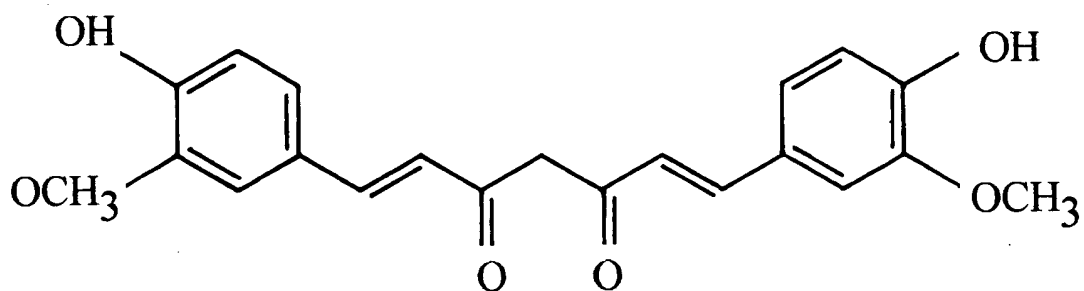
PUNGENT ALKALOIDS PRINCIPALS OF PEPPER

**FIGURE 8**



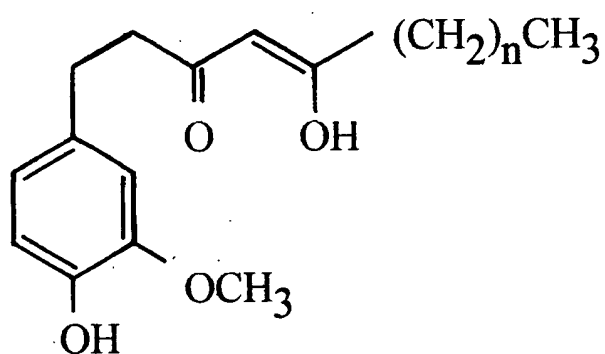
EUGENOL  $C_{10}H_{12}O_2$

**FIGURE 9**

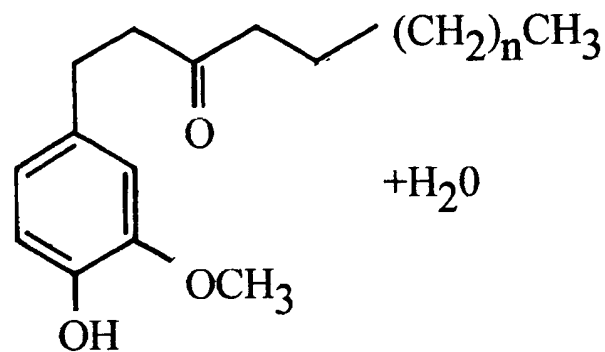


CURCUMIN  $C_{21}H_{20}O_6$

**FIGURE 10**

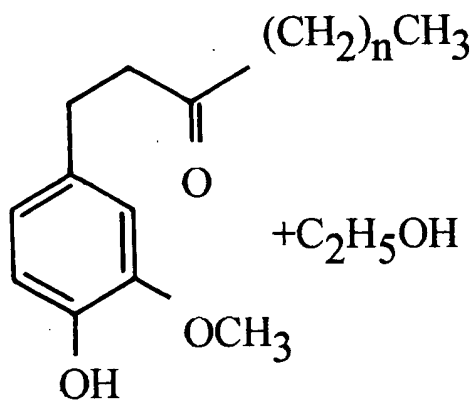


GINGEROL

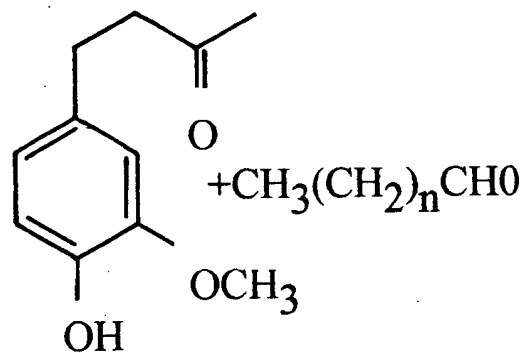


SHOGAOL  $C_{17}H_{24}O_3$

(where  $n = 4, 6, \text{ or } 8$ )



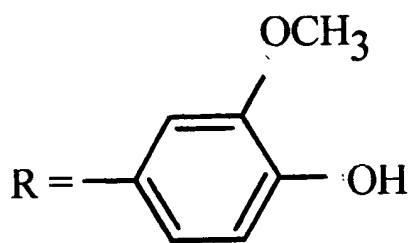
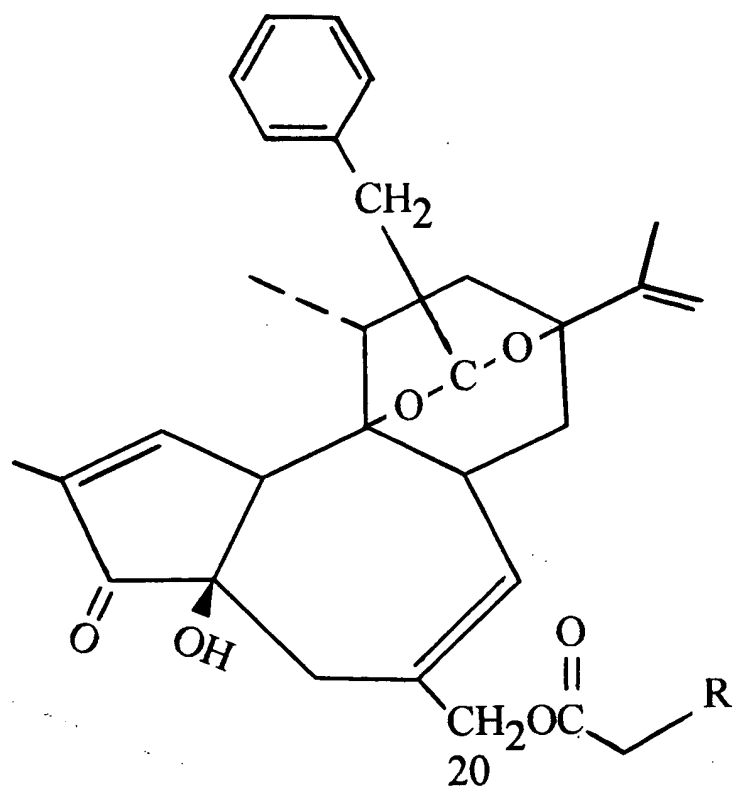
PARADOL



ZINGERONE  $C_{11}H_{14}O_3$

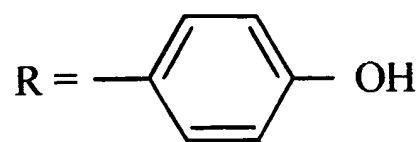
GINGEROLS

**FIGURE 11**



RESINIFERATOXIN

**FIGURE 12**



TINYATOXIN

**FIGURE 13**